



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 22, 2016

Ruth Trager
Manager
Regulatory Affairs
Suterra, LLC
20950 NE Talus Place
Bend, OR 97701

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – revise hot line number section to add NPIC and poison control center telephone numbers
Product Name: Checkmate BAW-F
EPA Registration Number: 56336-43
Application Date: 1 September 2016
OPP Decision Number: 521267

Dear Ms. Trager:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims

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made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Cody Kendrick of my team by phone at (703) 347-0468 or via email at kendrick.cody@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

CheckMate® BAW-F

A BIOCHEMICAL FOR MATING DISRUPTION OF
BEET ARMYWORM MOTH (*Spodoptera exigua*)

ACTIVE INGREDIENTS:

(Z,E)-9,12-Tetradecadien-1-yl Acetate15.43 %

(Z)-11-Hexadecen-1-yl Acetate1.71 %

OTHER INGREDIENTS:82.86 %

TOTAL:100.00 %

Net Contents: 15.3 fl. oz. (451 ml)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for Precautionary and First Aid Statements

ACCEPTED
09/22/2016
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 56336-43

Manufactured by:

Suterra®

▶
PEEL
HERE

EPA Reg.No.: 56336-43

EPA Est. No.: 56336-OR-1

Batch Code: See neck of bottle

L16287 BAW-F US FG15096 Rev 08162016 v1

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For requirements specific to your state or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS - Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and the restricted entry interval (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during application of this product. Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to treated areas is permitted under the Worker Protection Standard and that involves contact with anything that has become treated, such as plants, soil or water.
PPE: coveralls, short sleeve shirt, shorts, shoes, socks and waterproof gloves.

METHOD OF APPLICATION: For disrupting the mating of the beet armyworm moth on sugar beet, parsley, parsnip, and other root and tuber vegetables; celery, head lettuce, leaf lettuce, spinach and other leafy vegetables; broccoli, brussels sprouts, cabbage, cauliflower and other cole crops; tomato, bell pepper, chili pepper, sweet pepper, tomatillo, and other fruiting vegetables; cotton; alfalfa; and those other crops where the beet armyworm is a pest.

SHAKE WELL BEFORE USING

DO NOT use **CheckMate® BAW-F** from damaged, punctured, or unsealed containers. Use piston, diaphragm, or centrifugal pumps ONLY. DO NOT use roller or gear pumps as they will damage the **CheckMate BAW-F** controlled release system. DO NOT use strainers or screen in spray equipment with openings smaller than 50 mesh. For best results, apply immediately after mixing. Do not let stand prior to application without thoroughly mixing again. Do not apply this product through any type of irrigation system.

Terrestrial Applications: Apply **CheckMate BAW-F** at 2.04 fluid ounces (60.24 ml) of product per acre (10 g a.i./acre) to 4.07 fluid ounces (120.48 ml) product per acre (20 g a.i./acre). Do not exceed 30.55 fluid ounces (903.66 ml) product/acre/year (150 g a.i./acre/year).

Ground Equipment: Apply **CheckMate BAW-F** in sufficient water for uniform coverage. Do not apply to point of runoff. Apply to foliage directly.

Aerial Equipment: Apply **CheckMate BAW-F** in sufficient water for uniform coverage.

Greenhouse Applications: Apply **CheckMate BAW-F** as follows: Mix 5.5 ml of this product with 2.5 gallons of water and treat 1000 square feet of surface area. Do not treat to the point of runoff. Do not exceed a total of 20.9 ml of product per 1000 square feet per season.

GENERAL APPLICATION NOTES: Reapply as needed based on insect monitoring and field scouting programs. Use approved stickers for improved adherence to the leaf surface and protection from rainfall. In the event of rain, re-treatment is necessary if approved stickers are not used. Do not apply this product in fields with overhead irrigation. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix or during the growing season, the field must be treated with insecticide treatments that will effectively control hatching larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season can prove necessary to provide adequate protection to the developing crop. Make supplemental insecticide applications based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and timed to control emerging larvae.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

FIRST AID STATEMENT

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. For emergency information on product, uses, and treatment, etc., call the National Pesticides Information Center at 1-800-858-7378, 6:30 am -4:30 pm Pacific Time (PT), 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash throughly and change into clean clothing.

ENVIRONMENTAL HAZARD

For terrestrial use - Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters or rinsates.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool place until used. Protect from freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment washwater.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.

Plastic Containers: Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and or dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

WARRANTY

To the extent consistent with applicable law, **Suterra LLC** warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use. To the extent consistent with applicable law, **Suterra LLC** neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent allowable by law, **Suterra LLC's** maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material contrary to label instructions.

Manufactured by:



Suterra LLC
20950 NE Talus Place
Bend, Oregon, 97701 U.S.A.
1-866-326-6737
FAX: (541) 388-3705

Net Contents: 15.3 fl. oz. (451 ml)
Contains: 4.909 g/a.i./fl. ounce
(0.166 g/a.i./ml)

EPA Reg. No. 56336-43
EPA Est. No. 56336-OR-1

L:16287 BAW-F US FG: 15096 Rev08162016 v1